

What is claimed is:

1. A battery loading device for a portable electronic apparatus comprising;

5 a battery chamber in which a first type battery or a second type battery is selectively loaded;

 a first loading gate through which said first type battery is loaded in said battery chamber, said first loading gate being provided in a first exterior surface of said 10 electronic apparatus so as to face a first chamber wall of said battery chamber;

 a first lid for opening and closing said first loading gate;

 a second loading gate through which said second type battery is loaded in said battery chamber, said second loading gate being provided in a second exterior surface of said electronic apparatus so as to face a second chamber wall of said battery chamber, said second exterior surface being approximately perpendicular to said first exterior surface;

20 a second lid for opening and closing said second loading gate;

 a first contact segment being provided in said first chamber wall, said first contact segment being contacted with an electrode of said first type battery; and

25 a second contact segment being provided in said second wall, said second contact segment being contacted with an electrode of said second type battery.

2. The battery loading device as claimed in claim 1,
wherein said battery chamber is provided in a corner of said
electronic apparatus.

5 3. The battery loading device as claimed in claim 2, wherein
said first type battery is a cylindrical dry cell, and said
second type battery is a secondary battery.

10 4. The battery loading device as claimed in claim 3, wherein
a plurality of circular first holes are formed in said first
loading gate, and said dry cell are inserted in said battery
chamber in an axial direction through each of said first hole.

15 5. The battery loading device as claimed in claim 4, further
comprising a third contact segment which is attached to said
first lid, said third contact segment and said first contact
segment connecting said dry cells in series, and said dry cells
being inserted in said battery chamber so as to be arranged in
a row.

20

6. The battery loading device as claimed in claim 5, wherein
circular second holes are arranged in a row in said first chamber
wall, one end of each said dry cells being inserted in each of
said second holes, and said second contact segment being
25 arranged in back of said second holes.

7. The battery loading device as claimed in claim 5, wherein
said secondary battery has a perpendicular shape or a plate-like

shape.

5

10

15

20

25

14